

#### ABSTRACT OF THE DISCLOSURE

The present invention relates to a holographic optical element (8), a viewfinder display (5, 6, 7) of a camera (1) using thereof, and a camera (1). The purpose of the present invention is to show various superimposed displays for various information with securing a bright viewfinder image. In the holographic optical element according to the present invention, a liquid crystal (13) whose orientation is changeable and a liquid crystal (14) whose orientation is fixed are arranged alternately with a striped shape between the transparent members (12a) (12b) on which the transparent electrodes (11a) (11b) are formed facing with each other.